

U.S. Department of Commerce, Patent and Trademark Office

Docket No.:

7163/SYNX/SYNX/JW

Serial No.:

10/764,982

## LIST OF RELEVANT ART CITED BY APPLICANT

(Use several sheets if necessary)

Applicant(s):

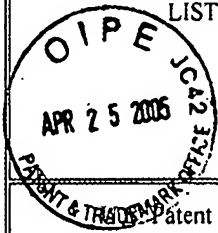
Michael Robert Rice et al.

Filing Date:

January 24, 2004

Group:

3651



## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
M	AA	3,710,923	01/16/73	Fromme et al.			
M	AB	3,734,263	05/22/73	Dirks			
M	AC	3,815,723	06/11/74	Wright et al.			
M	AD	3,901,376	08/26/75	Dardaine et al.			
M	AE	3,990,569	11/09/76	Aiuola			
M	AF	4,029,194	06/14/77	Feurstein et al.			
M	AG	4,033,403	07/05/77	Seaton et al.			
M	AH	4,040,302	08/09/77	Katarao			
M	AI	4,044,886	08/30/77	Sender			
M	AJ	4,261,236	04/14/81	Verjux			
M	AK	4,266,652	05/12/81	Bald			

## Foreign Patent Documents

Translation

		Document Number	Date	Country	Class	Subclass	Yes	No
M	AL	JP 63020151 A2	01/27/88	Japan			X (Abstract only)	
	AM							
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

Examiner

Mike D. Smith

Date Considered

6/14/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)					Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
					Applicant(s): Michael Robert Rice et al.			
					Filing Date: January 24, 2004		Group: 3651	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
ND	BA	4,340,137	Foster				
ND	BB	4,450,950	Foote, Jr.				
ND	BC	4,506,779	Seragnoli				
ND	BD	4,524,858	Maxey				
ND	BE	4,549,647	Cosse				
ND	BF	4,585,126	Paddock et al.				
ND	BG	4,603,770	Hartness				
ND	BH	4,667,809	Raybuck				
ND	BI	4,680,919	Hirama et al.				
ND	BJ	4,693,359	Mattei et al.				
ND	BK	4,759,439	Hartlepp				

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
BL								
BM								
BN								
BO								
BP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
BR	
BS	
BT	

Examiner		Date Considered	6/14/05
----------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)					Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
					Applicant(s): Michael Robert Rice et al.			
					Filing Date: January 24, 2004		Group: 3651	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
ND	CA	4,765,453	Bucher				
ND	CB	4,813,528	Hartlepp				
ND	CC	4,830,180	Ferguson et al.				
ND	CD	4,850,102	Hironaka et al.				
ND	CE	4,854,440	Laube et al.				
ND	CF	4,869,637	deGroot				
ND	CG	4,898,373	Newsome				
ND	CH	5,086,909	Powell, Jr.				
ND	CI	5,099,896	Ritola				
ND	CJ	5,113,992	Sadamori				
ND	CK	5,123,518	Pfaff				

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
CL								
CM								
CN								
CO								
CP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
CR	
CS	
CT	

Examiner <i>Mark D. Smith</i>	Date Considered <i>6/14/05</i>
-------------------------------	--------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)					Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
					Applicant(s): Michael Robert Rice et al.			
					Filing Date: January 24, 2004		Group: 3651	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
MD	DA	3,710,921	Petiet				
MD	DB	3,722,656	Loomis, Jr. et al.				
MD	DC	5,135,102	Sjogren et al.				
MD	DD	5,184,712	Leypold et al.				
MD	DE	5,667,056	Kimmet				
MD	DF	5,207,309	Simpkin et al.				
MD	DG	5,226,211	Jones				
MD	DH	5,231,926	Williams et al.				
MD	DI	5,269,119	Tolson				
MD	DJ	5,275,275	Boldrini et al.				
MD	DK	5,439,091	Mason				

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
DL								
DM								
DN								
DO								
DP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
DR		
DS		
DT		

Examiner <i>Mark D. Smith</i>	Date Considered <i>6/14/05</i>
-------------------------------	--------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)					Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
					Applicant(s): Michael Robert Rice et al.			
					Filing Date: January 24, 2004		Group: 3651	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
ND	EA	5,558,198	Juarez				
ND	EB	5,617,944	McTaggart				
ND	EC	5,628,614	Pazdernik et al.				
ND	ED	5,653,327	Buday, Jr. et al.				
ND	EE	5,823,319	Resnick et al.				
ND	EF	6,092,979	Miselli				
ND	EG	6,223,887 B1	Andou				
ND	EH	6,227,345 B1	Miyamoto				
ND	EI	6,435,331 B1	Olson et al.				
ND	EJ	6,511,065 B1	Cote et al.				
ND	EK	6,581,750 B1	Tweedy et al.				

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
EL								
EM								
EN								
EO								
EP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
ER	
ES	
ET	

Examiner <i>Mark D. Smith</i>	Date Considered <i>6/14/05</i>
-------------------------------	--------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)				Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold;">             O I P E              APR 25 2005              U.S. PATENT &amp; TRADEMARK OFFICE           </div> </div>				Applicants: Michael R. Rice, et al			
				Filing Date: January 26, 2004		Group: 3651	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
ND	US-1	5,110,249	05/05/92	Arthur E. Norman			
ND	US-2	6,036,426	03/14/00	Gary Hillman			
ND	US-3	6,183,186	02/06/01	Peltola et al.			
	US-4						
	US-5						
	US-6						
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
ND	F-1	EP 0 277 536	08/10/88	EPO	X (Abstract)			
	F-2							
	F-3							
	F-4							
	F-5							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
OT-1	
OT-2	
OT-3	

Examiner <i>ma Deulay</i>	Date Considered <i>6/14/05</i>
------------------------------	-----------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)				Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold; transform: rotate(-45deg);">             O I P E J C I S O              APR 22 2005              PATENT &amp; TRADEMARK OFFICE           </div> </div>				Applicants: Michael R. Rice, et al			
				Filing Date: January 26, 2004		Group: 3651	

U.S. Patent Documents							
Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
ND	US-1	6,607,073	Buchi et al.				
ND	US-2	5,996,776	Van Zijderveld				
ND	US-3	5,573,106	Stebnicki				
ND	US-4	5,549,195	Aulagner et al.				
ND	US-5	5,377,819	Horton et al.				
ND	US-6	5,339,938	Patin				
ND	US-7	5,303,818	Gruettner et al.				
ND	US-8	4,711,346	Breher et al.				
ND	US-9	4,394,901	Roinestad				
ND	US-10	4,084,687	Lapeyre				
ND	US-11	3,967,721	Rhoden				

Foreign Patent Documents							Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No	
	F-1							
	F-2							
	F-3							
	F-4							
	F-5							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
OT-1	
OT-2	
OT-3	

Examiner		Date Considered	6/14/05
----------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)				Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
				Applicants: Michael R. Rice, et al			
				Filing Date: January 26, 2004		Group: 3651	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
ND	US-12	3,865,229	Velander				
ND	US-13	3,788,455	Dieckmann				
ND	US-14	3,737,024	Gelzer				
ND	US-15	3,730,331	Goldberg				
ND	US-16	3,682,295	Roinestad				
ND	US-17	3,664,491	Scanlon et al.				
ND	US-18	2,689,638	Mojonnier				
ND	US-19	2,268,542	Bergmann				
ND	US-20	2,157,283	Dyson				
ND	US-21	2003/0173191	Hammock et al.				
	US-22						

Foreign Patent Documents Translation								
	Document Number	Date	Country	Class	Subclass	Yes	No	
	F-6							
	F-7							
	F-8							
	F-9							
	F-10							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	OT-4
	OT-5
	OT-6

Examiner <i>Mark Dwyer</i>	Date Considered <i>6/14/05</i>
----------------------------	--------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.



U.S. Department of Commerce, Patent and Trademark Office  <div style="display: flex; align-items: center;"> <div>           LIST OF RELEVANT ART CITED BY APPLICANT            (Use several sheets if necessary)         </div> </div>				Docket No.: 7163/SYNX/SYNX/JW		Serial No.: 10/764,982	
				Applicants: Michael R. Rice, et al			
				Filing Date: January 26, 2004		Group: 3651	

Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
M	US-1	4,401,522	Buschow et al.				
M	US-2	4,534,843	Hirbour et al.				
M	US-3	4,540,088	Bergh				
M	US-4	4,650,264	Dahnert				
M	US-5	4,775,046	Gramarossa et al.				
M	US-6	6,235,634	Law et al.				
M	US-7	2002/090282	Bachrach				
M	US-8	2003/010449	Gramarossa et al.				
	US-9						
	US-10						
	US-11						

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
F-1								
F-2								
F-3								
F-4								
F-5								

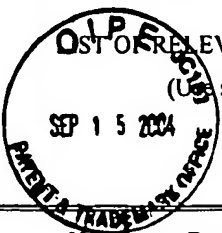
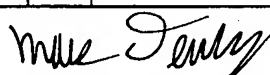
  

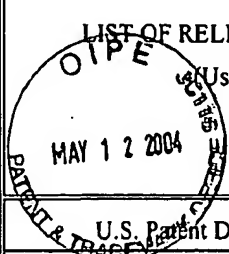
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
OT-1	
OT-2	
OT-3	

Examiner: <i>Mark Douthett</i>	Date Considered: <i>6/14/05</i>
--------------------------------	---------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <div style="text-align: center;">  </div>				Docket No.: 7163/SYNX/SYNX/JB		Serial No.: 10/764,982	
				Applicants: Michael R. Rice, et al			
				Filing Date: January 26, 2004		Group: 3652	
U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
ND	US-1	5,762,544	06/09/98	Zuniga et al.	451	285	
	US-2						
	US-3						
	US-4						
	US-5						
	US-6						
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						
Foreign Patent Documents							Translation
		Document Number	Date	Country	Class	Subclass	Yes No
ND	F-1	EP 0 987 750 A1	03/22/00	EPO			X
ND	F-2	EP 1 134 641 A1	09/19/01	EPO			X
ND	F-3	WO 99/64207	12/16/99	WIPO			X
ND	F-4	WO 02/19392 A1	03/07/02	WIPO			X
	F-5						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	OT-1						
	OT-2						
	OT-3						
Examiner 		Date Considered 6/14/05					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)				Docket No.: 7163/SYNX/JB		Serial No.: 10/764,982	
				Applicants: Michael R. Rice, et al.			
				Filing Date: January 26, 2004		Group:	

U.S. Patent Documents							Filing Date If Appropriate
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass		
(W)	US-1	6,283,692 B1	09/04/01	Perlov et al.			
	US-2						
	US-3						
	US-4						
	US-5						
	US-6						
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						

Foreign Patent Documents							Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No	
	F-1							
	F-2							
	F-3							
	F-4							
	F-5							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
OT-1	
OT-2	
OT-3	

Examiner: <i>Mrs. Terry</i>	Date Considered: 6/14/05
-----------------------------	--------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office

Docket No.:

7163/SYNX/SYNX/JB

Serial No.:

10/764,982

## LIST OF RELEVANT ART CITED BY APPLICANT

(Use several sheets if necessary)

Applicants:

Michael R. Rice, et al.

Filing Date:

January 26, 2004

Group:

## U.S. Patent Documents

Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
MJ	US-1	5,261,935	11/16/93	Ishii et al.			
MJ	US-2	5,827,118	10/27/98	Johnson et al.			
MJ	US-3	5,829,939	11/03/98	Iwai et al.			
MJ	US-4	6,054,181	04/25/00	Nanbu et al.			
	US-5						
	US-6						
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						

## Foreign Patent Documents

Translation

		Document Number	Date	Country	Class	Subclass	Yes	No
MJ	F-1	EP 0 582 019 A1	02/09/94	EPO				
	F-2							
	F-3							
	F-4							
	F-5							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	OT-1	
	OT-2	
	OT-3	

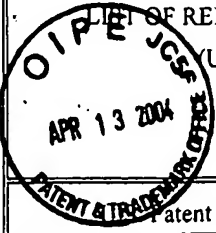
Examiner

mar Penke

Date Considered

6/4/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office				Docket No.: 7163/SYNX/SYNX/JB		Serial No.: 10/764,982	
<div style="text-align: center;">  </div> <p>LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)</p>				Applicants: Michael R. Rice et al.			
				Filing Date: January 26, 2004		Group:	

Patent Documents							Filing Date If Appropriate
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass		
MJ	US-1	5,048,164	09/17/91	Harima			
MJ	US-2	5,603,777	02/18/97	Ohashi			
MJ	US-3	6,439,822 B1	08/27/02	Kimura et al.			
	US-4						
	US-5						
	US-6						
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
MJ F-1	JP 10-256346	09/25/98	JP		Abstract only			
	F-2							
	F-3							
	F-4							
	F-5							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
OT-1	United States Patent Application Publication No. US 2002/0090282 A1, Pub. Date 7/11/2002
OT-2	
OT-3	

Examiner: <i>mae Dinkley</i>	Date Considered: <i>6/14/05</i>
------------------------------	---------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.